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H-27-01.

OIPE

#2

RAW SEQUENCE LISTING

DATE: 04/19/2001

PATENT APPLICATION: US/09/824,851

TIME: 12:23:59

Input Set : A:\0225-0033.26-SEQLIST.txt

Output Set: N:\CRF3\04192001\I824851.raw

ENTERED

```

4 <110> APPLICANT: Singh, Sharat
5      Matray, Tracy
6      Chenna, Ahmed
8 <120> TITLE OF INVENTION: Kits Employing Generalized
9      Target-Binding e-tag Probes
11 <130> FILE REFERENCE: 0225-0033.26
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/824,851
C--> 14 <141> CURRENT FILING DATE: 2001-04-02
16 <150> PRIOR APPLICATION NUMBER: US 09/698,846
17 <151> PRIOR FILING DATE: 2000-10-27
19 <150> PRIOR APPLICATION NUMBER: US 09/684,386
20 <151> PRIOR FILING DATE: 2000-10-04
22 <150> PRIOR APPLICATION NUMBER: US 09/602,586
23 <151> PRIOR FILING DATE: 2000-06-21
25 <150> PRIOR APPLICATION NUMBER: US 09/561,579
26 <151> PRIOR FILING DATE: 2000-04-28
28 <150> PRIOR APPLICATION NUMBER: US 09/303,029
29 <151> PRIOR FILING DATE: 1999-04-30
31 <160> NUMBER OF SEQ ID NOS: 18
33 <170> SOFTWARE: FastSEQ for Windows Version 4.0
35 <210> SEQ ID NO: 1
36 <211> LENGTH: 16
37 <212> TYPE: DNA
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: oligonucleotide
43 <400> SEQUENCE: 1
44 tcaccacatc ccagtg                                     16
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 16
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: oligonucleotide
54 <400> SEQUENCE: 2
55 gagggagggtt tggctg                                     16
57 <210> SEQ ID NO: 3
58 <211> LENGTH: 22
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: oligonucleotide
65 <221> NAME/KEY: misc_feature
66 <222> LOCATION: (22)...(22)
67 <223> OTHER INFORMATION: 3' nucleotide linked to tetramethyl rhodamine
69 <400> SEQUENCE: 3
70 ccagcaacca atgatgccg tt                                22

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72 <210> SEQ ID NO: 4
73 <211> LENGTH: 22
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: oligonucleotide
80 <221> NAME/KEY: misc_feature
81 <222> LOCATION: (1)...(1)
82 <223> OTHER INFORMATION: 5' nucleotide linked to fluorescein
84 <221> NAME/KEY: misc_feature
85 <222> LOCATION: (22)...(22)
86 <223> OTHER INFORMATION: 3' nucleotide linked to tetramethyl rhodamine
88 <400> SEQUENCE: 4
89 ccagcaagca ctgatgcctg tt 22
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 4
93 <212> TYPE: PRT
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: peptide linker
99 <400> SEQUENCE: 5
100 Lys Lys Ala Ala
101 1
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 4
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: peptide linker
111 <400> SEQUENCE: 6
112 Lys Lys Lys Ala
113 1
115 <210> SEQ ID NO: 7
116 <211> LENGTH: 4
117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: peptide linker
123 <400> SEQUENCE: 7
124 Lys Lys Lys Lys
125 1
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 25
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: oligonucleotide
135 <400> SEQUENCE: 8
136 gaccaggaaa tagagaggaa atgta 25
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/824,851

DATE: 04/19/2001

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Input Set : A:\0225-0033.26-SEQLIST.txt

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138 <210> SEQ ID NO: 9
139 <211> LENGTH: 27
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: oligonucleotide
146 <400> SEQUENCE: 9
147 gaaggagaag gaagagttgg tattatc 27
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 21
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: oligonucleotide
157 <400> SEQUENCE: 10
158 ttgggctcag atctgtgata g 21
160 <210> SEQ ID NO: 11
161 <211> LENGTH: 27
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: oligonucleotide
168 <400> SEQUENCE: 11
169 catctaggta tccaaaagga gagtcta 27
171 <210> SEQ ID NO: 12
172 <211> LENGTH: 27
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: oligonucleotide
179 <400> SEQUENCE: 12
180 cggtatatag ttcttcctca tgctatt 27
182 <210> SEQ ID NO: 13
183 <211> LENGTH: 20
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: oligonucleotide
190 <400> SEQUENCE: 13
191 gcaagatctt cgccttactg 20
193 <210> SEQ ID NO: 14
194 <211> LENGTH: 32
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: probe
201 <221> NAME/KEY: misc_feature
202 <222> LOCATION: (1)...(1)
203 <223> OTHER INFORMATION: e-tag10s modification to the 5' nucleotide

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/824,851

DATE: 04/19/2001

TIME: 12:23:59

Input Set : A:\0225-0033.26-SEQLIST.txt

Output Set: N:\CRF3\04192001\I824851.raw

```

205 <400> SEQUENCE: 14
206 ttccattttc ttttttagagc agtatacaaaa ga 32
208 <210> SEQ ID NO: 15
209 <211> LENGTH: 32
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: probe
216 <221> NAME/KEY: misc_feature
217 <222> LOCATION: (1)...(1)
218 <223> OTHER INFORMATION: e-tag10as modification to the 5' nucleotide
220 <400> SEQUENCE: 15
221 tctttgtata ctgctctaaa aagaaaatgg aa 32
223 <210> SEQ ID NO: 16
224 <211> LENGTH: 28
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: probe
231 <221> NAME/KEY: misc_feature
232 <222> LOCATION: (1)...(1)
233 <223> OTHER INFORMATION: e-tag11s modification to the 5' nucleotide
235 <400> SEQUENCE: 16
236 aaactccagc atagatgtgg atagcttg 28
238 <210> SEQ ID NO: 17
239 <211> LENGTH: 28
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: probe
246 <221> NAME/KEY: misc_feature
247 <222> LOCATION: (1)...(1)
248 <223> OTHER INFORMATION: e-tag11as modification to the 5' nucleotide
250 <400> SEQUENCE: 17
251 caagctatcc acatctatgc tggagttt 28
253 <210> SEQ ID NO: 18
254 <211> LENGTH: 23
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: probe
261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (1)...(1)
263 <223> OTHER INFORMATION: e-tag13as modification to the 5' nucleotide
265 <400> SEQUENCE: 18
266 aactgcttgtag gccatggct tag 23

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/824,851

DATE: 04/19/2001

TIME: 12:24:00

Input Set : A:\0225-0033.26-SEQLIST.txt

Output Set: N:\CRF3\04192001\I824851.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date